

Clackamas Community College
Online Course/Outline Submission System

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Section #1 General Course Information**Department:** Horticulture**Submitter**

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Course Prefix and Number: HOR - 236**# Credits:** 2**Contact hours**

Lecture (# of hours): 20
Lec/lab (# of hours):
Lab (# of hours):
Total course hours: 20

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

Course Title: Insect Identification**Course Description:**

Develop skills to identify common insects which are important in greenhouse/nursery production, landscapes and food production.

Type of Course: Career Technical Preparatory**Is this class challengeable?****Yes**

Can this course be repeated for credit in a degree?

No

Is general education certification being sought at this time?

No

Does this course map to any general education outcome(s)?

No

Is this course part of an AAS or related certificate of completion?

Yes

Name of degree(s) and/or certificate(s): Horticulture AAS, Landscape AAS & Certificate

Are there prerequisites to this course?

No

Are there corequisites to this course?

No

Are there any requirements or recommendations for students taken this course?

No

Are there similar courses existing in other programs or disciplines at CCC?

No

Will this class use library resources?

Yes

Have you talked with a librarian regarding that impact?

No

Is there any other potential impact on another department?

No

Does this course belong on the Related Instruction list?

No

GRADING METHOD:

A-F or Pass/No Pass

Audit: Yes

When do you plan to offer this course?

✓ Fall

Is this course equivalent to another?

If yes, they must have the same description and outcomes.

No

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

Upon successful completion of this course, students should be able to:

1. identify by sight common members of the insect orders Orthoptera, Homoptera, Hemiptera, Thysanoptera, Coleoptera, Lepidoptera, Diptera and Hymenoptera;
2. identify by sight members of ten important insect families,
3. memorize and restate essential morphological and physiological characteristics of the insect orders Orthoptera, Homoptera, Hemiptera, Thysanoptera, Coleoptera, Lepidoptera, Diptera and Hymenoptera;
4. identify by sight millipedes, centipedes, spiders, pillbugs, mites and slugs;
5. list essential morphological characteristics of millipedes, centipedes, spiders, pillbugs, mites and slugs;
6. describe common characteristics of insects.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Insects/mites.
 - a. Definition of insects/mites.
 - b. Feeding habits and life cycles of insects.
 - c. Major orders.
 - d. Mite/insect habitats.
 - e. ID of common insect/mite pests and beneficials.

Does the content of this class relate to job skills in any of the following areas:

- | | |
|--------------------------------------|------------|
| 1. Increased energy efficiency | No |
| 2. Produce renewable energy | No |
| 3. Prevent environmental degradation | Yes |
| 4. Clean up natural environment | Yes |
| 5. Supports green services | Yes |

Percent of course: 25%

First term to be offered:

Next available term after approval

: